

AUTHORS:

Makarov, L. L., Vlasov, Yu. G.

SOV/20-120-1-29/63

TITLE:

The Thermodynamics of the Solid Solutions CsCl - RbCl at 25°
(Termodinamika tverdykh rastvorov CsCl - RbCl pri 25°)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 1,
pp. 111 - 113 (USSR)

ABSTRACT:

The present paper determines the system CsCl - RbCl - H₂O at 25° in order to determine the limits of the existence of the solid solution CsCl - RbCl and in order to investigate its thermodynamic properties. The experimental data as well as the results of the calculations carried out according to the relations by A. V. Storonkin and M. M. Shul'ts (Ref 2) are given in a table. The state of equilibrium between the liquid and solid phase was determined by means of a method elaborated by V. G. Khlopin which uses the isothermal removal of oversaturation with subsequent long term mixing (10 hours). The solid phase was investigated according to the method by Shreynemakers, using the radioactive isotopes Rb⁸⁶ and Cs¹³⁴ for the analysis. The experimental results compiled in a table show the following: CsCl and RbCl form solid solutions with a gap of mixability reaching from 10,7 to

Card 1/3

The Thermodynamics of the Solid Solutions CsCl - RbCl SOV2o-12o-1-29/63
at 25°

93,3 molecular percent. The coefficients of the activity in the saturated solutions remain constant within the limits of error along the whole length of the isothermal line of solubility. In the solid phase the coefficients of the activity of the solvent on which the crystal structure of the solid solution depends are with great accuracy equal to unity. The coefficients of the activity of the dissolved substance maintain a constant value different from unity. In the latter case the deviation from the mean value is, however, greater. A table and a diagram show the results of the final calculation of the change of the chemical potentials $\Delta \mu_{\text{CsCl}}$ and $\Delta \mu_{\text{RbCl}}$ and of the change of the free energy in the formation of the solid solution CsCl-RbCl. The solid solution forms corresponding to the condition $\partial \Delta \Phi / \partial x_z = 0$, where x_z denotes the molecular proportion of the dissolved substance. The composition of the saturated solutions is determined by the coefficients of the activity of the two components. There are 1 figure, 2 tables, and 3 references, 2 of which are Soviet.

Card 2/3

The Thermodynamics of the Solid Solutions CsCl - RbCl SOV/2o-12o-1-29/63
at 25°

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova
(Leningrad State University imeni A.A.Zhdanova)

PRESENTED: December 27, 1957, by A.N.Terenin, Member, Academy of Sciences,
USSR

SUBMITTED: December 24, 1957

1. Alkali metals--Thermodynamic properties
2. Alkali metals-water systems--Analysis
3. Rubidium isotopes (Radioactive)--Applications
4. Cesium isotopes (Radioactive)--Applications
5. Mathematics--Applications

Card 3/3

MAKAROV, L.L.; VLASOV, Yu.G.; KOPUNETS, R.

Thermodynamic study of the system KBr - RbBr - H₂O at 5 and
45°C. Part 1. Zhur. fiz. khim. 37 no.12:2763-2767 D '63.
(MIRA 17:1)
1. Leningradskiy universitet imeni Zhdanova.

MAKAROV, I.I., GLASOV, Yu.S., KUZHNETS, R. (Leningrad)

Thermodynamic study of the system KBr - RbBr - H₂O, and 5 and 15%
Zhar.-fiz.-khim. 38 no. 3:1938-1941 Ag '64. (MIRA 18:1)

L. Leningradskiy gosudarstvenny universitet.

MAKAROV, L.L.; VLASOV, Yu.G.; IZOTOV, V.I. (Leningrad)

Thermodynamic investigation of the system RbBr - RbCl - H₂O
at 25 and 45°C. Zhur. fiz. khim. 38 no.10:2403-2407 O '64.

(MIRA 18:2)

1. Leningradskiy gosudarstvennyy universitet.

VLASOV, YU. G.

VLASOV, YU. G. -- "Investigation of Gas Supply Systems and the Regulation of the Power of a Gas Engine With Internal Fuel Atomization." Sub 8 Oct 52, Inst of Machine Science, Acad Sci USSR. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: VECHERNAYA MOSKVA, January-December 1952

VLASOV, Yu.G.

Dissertation by Yu.G.Vlasov: "Examining a gas-supplying system and the regulation of the capacity of a gas motor with internal fuel mixing." Izv.
AN SSSR Otd.tekh.nauk no.8:1210-1211 Ag '53. (MIRA 6:8)
(Gas and oil engines)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6

BYCHKOVA, V.Ye.; VLASOV, Yu.I.; TSVETKOV, V.N.

Diagnosis of viruses with asymmetrical particle forms by the
method of birefringence in the stream. Trudy VIZR no.21,
57-61 '64. (MIRA 18:12)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6

VLASOV, Yu.I.

Basic problems of agricultural virology. Trudy VIZR no.173
277-289 '63. (MIRA 1849)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6"

VLASOV, Yu.I.; LARINA, E.I.

Some patterns of the luminescence of plant tissues during viral
lesions of the necrotic type. Nauch. dokl. vys. shkoly; biol.
nauki no.3:166-170 '63. (MIRA 16:9)

1. Rekomendovana Vsesoyuznym nauchno-issledovatel'skim institutom
zashchity rasteniy.
(Bioluminescence) (Virus diseases of plants)

VLASOV, Yu. I.

"Rol' usloviy zhizni rasteniy v evolyutsii fitopatogennykh virusov."

report presented at Symp on Virus Diseases, Moscow, 6-9 Oct 64.

Vsesoyuznyy institut zashchity rasteniy, Leningrad.

VLASOV, Yu.I., kand.biolog.nauk

Indicator plants for diagnosing viruses. Zashch. rast. ot vred.
i bol. 6 no.3:49-50 Mr '61. (MIRA 15:6)

1. Vsesoyuznyy institut zashchity rasteniy.
(Virus diseases of plants)

VLASOV, Yu.I.

"Photomicrography of phytopathogenic viruses with an electron microscope" by A.E. Protsenko and R.M. Legunkova. Reviewed by Yu.I. Vlasov. Zashch. rast. ot vred. i bol. 7 no.1:60 '62.

(MIRA 15:6)

(Photomicrography)

(Virus diseases of plants)

(Protsenko, A.E.)

(Legunkova, R.M.)

VLASOV, Yu.I., kand. biol. nauk, nauchn. sotr.; LARINA, E.I.,
kand. biol. nauk, nauchn. sotr.; KRYLATOVA, S.A., red.

[Principal methods for the diagnosis of virus diseases
of farm crops] Osnovnye metody diagnostiki virusnykh
boleznei sel'skokhozaiistvennykh rastenii. Moskva, Sel'-
khozizdat, 1963. 35 p. (MIRA 17:8)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo kho-
zyaystva. Upravleniye nauki, propagandy i vnedreniya
peredovogo opyta. 2. Vsesoyuznyy nauchno-issledovatel'-
skiy institut zashchity rasteniy (for Vlasov, Larina).

USSR/Plant Diseases - Diseases of Cultivated Plants.

0.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15995

Author : Yu.I. Vlasov

Inst Title : The Tomato's Streak Resistance in Relation to Ecological Conditions.
(Ustoychivost' tomata k striku v zavisimosti ot ekologicheskikh usloviy).

Orig Pub : Kokl. AN SSSR, 1956, 111, No 5, 1127-1129.

Abstract : The importance of temperature and light is brought out in the tomato's resistance to a simple streak. It has been established that the large-scale development of streak proceeds with lowered mean daily temperature and a drop in solar radiation. The tomato's hardiness to streak is increased when conditions are created which are optimal in the hothouse for its culture. This study was made at the Moscow Station for Plant Protection.

Card 1/1

VLASOV, Yu.I., kand.biologicheskikh nauk

Recent data on the virus diseases of plants in Central Asia.
Zashch. rast. ot vred. i bol. 5 no.1:22-23 Ja '60.
(MIRA 14:6)
(Soviet Central Asia—Virus diseases of plants)

VLASOV, Yu.I., kand.biolog.nauk

Mosaic disease in cabbage. Dokl.Akad.sel'khoz. 24 no.2:45-46
'59. (MIRA 12:11)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta zashchity rasteniy. Predstavlena sektsiyej zashchity
rasteniy Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk
imeni V.I.Lenina.
(Cabbage--Diseases and pests)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6

CLASSIFIED

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6"

VLASOV, Yu. I.

"Resistance of Tomatoes to Blight and Mosaic Disease In Relation to Temperature and Light." Cand Biol Sci, All-Union Sci Res Inst of Plant Protection; All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin, Leningrad, 1955. (KL, No 11, Mar 55)

So: Sum. No 670, 29 Sept 55- Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

VLASOV, Yu.I., kand.biolog.nauk

Yellows of forage beans. Zashch. rast. ot vred. i bol. 8 no.1:55
Ja '63. (MIRA 16:5)

1. Vsesoyuznyy institut zashchity rasteniy.
(Broad bean—Diseases and pests)
(Virus diseases of plants)

VLASOV, Yu.L.; SHNEYDER, Yu.I.; POREMBSKAYA, N.B.,

Virus diseases of pulse crops. Zashch. rast. ot vred. i
bol. 7 no.2:18-19 F '62. (MIRA 15:12)

1. Vsesoyuznyy institut zashchity rasteniy i Vsesoyuznyy
institut kormov.

(Virus diseases of plants)
(Legumes--Diseases and pests)

VLASOV, Yu. I., kand. biolog. nauk

Advice in agricultural virology. Zashch. rast. ot vred. i bol. 6
no.6:36-37 Je '61. (MIRA 16:4)

1. Vsesoyuznyy institut zashchity rasteniy.

(Virus diseases of plants)

VLASOV, Yu.I.

Development of agricultural virology from A.A. Il'chevskii's days to the present. Trudy VIZR no.23:105-111 '64.

(MIRA 19:2)

VLASKO, Yuriy Mikhaylovich; BARANOV, A.Ya., red.

[Tractor trains for hauling large building products]
Avtopoezda dlia perevozki krupnorazmernykh stroitel'-
nykh izdelii. Moskva, Transport, 1964. 65 p.
(MIRA 17:9)

TABLE I BOOK INFORMATION

SOV/2039

SOV/50-3-20(32)

Vsesoyuznoye astronomo-geodetskoye obshchestvo
Bull. No. 2/31/ 1959 (Bulletin, No. 2/31/1959) Moscow, Izd-vo AS SSSR,
1959. 77 p. 1,500 copies printed.

SPONSORING AGENCY: Akademika nauk SSSR.
ED. or Publishing House: Gif. Quverj. Tech. 22, Gif. Akademicheskaya, Editorial
Board: V.V. Pechernikov (Suppl. Ed.) M.M. Efimov (Deputy Resp. Ed.), N.N.
Dobrotin, A.A. Factor, P.P. Parshnev, P.I. Popov, V.I. Brodskiy
(Scientific Secretary).

PURPOSE: This publication is intended for astronomers, geophysicists, geodesists,
and theoretical physicists.

CONTENTS: This issue of the Bulletin of the All-Union Astronomical and Geodetic
Society contains articles on lunar and solar eclipses, photographic observation
of Jupiter and Perseid, noctilucent clouds, a collimating view finder, and
the modeling of lunar circuses. The Rybachye Observatory is de-
scribed in a separate article. References accompany individual articles.

TABLE OF CONTENTS:

Bogolyubovich, K.P. The Problem of the Physical Nature of Gravitation	3
Danilov, V.V. New Method for Evaluating the Brightness of Lunar Selenes According to the Visibility of the Details on the Lunar Disc	13
Kozgol'skiy, Ye.Ya. Problem of Determining the Motion of Noctilucent Clouds	24
Sytinov, N.M. Photography of Noctilucent Clouds by Means Available to Amateur Astronomers	32
Tresman, J.U. Changes of Total and Scattered Solar Radiation During the Solar Eclipse of June 30, 1954, According to Observations at Vil'korets and Sill'ya	37
Zubov, A.M. Changes of Some Geodetical Parameters in Stalingrad During the First Solar Eclipse of December 2, 1956	41
Vlasov, Yu.Z., and I.I. Zolotikov Taking Photographs of Jupiter With Outer Magnification	45
Chernyshev, P.P. Results of Modeling the Lunar Circuses on a Spherical Surface	53
Asturkin-Bazulin, D.L. Results of Photographic Observations of Perseid Through Polaroids	57
Fain, A.S. Construction and Application of Collimating View Finders	63
Chronicle (Masthead). V.V. Rybachye Astronomical Observatory of the All- Union Astronomical and Geodetic Society	77
Popov, P.I. Aleksander Andreyevich Ivantsov (Deceased)	

AVAILABLE: Library of Congress
Card 3/5

SOV/2039
T-30-50

17

VLASOV, Yu.P.; ZOTKIN, I.T. (Moskva)

Photographing Jupiter with an ocular magnification. Biul.VAGO
(MIRA 13:4)
no.24:45-52 '59.

1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva, otdel planet.
(Jupiter (Planet))
(Astronomical photography)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6

DONSKOY, A.V., doktor tekhn.nauk; VLASOV, Yu.S., inzh.; LUTSKER, I.Sh., inzh.

Thermistorized multipoint temperature signaling system. Mekh.i
avtom.proizv. 18 no.3:34 Mr '64. (MIRA 17:4)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6

Card 1/1

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6"

VLA SOU, Z.A.

16(1) PHASE I BOOK EXPLOITATION SOV/2660

Vsesoyuznyy matematicheskiy s"ezd. 3rd. Moscow, 1956

Study. t. 4: Kratkoye soderzhanie sektsionnykh dokladov. Doklady inostrannyykh uchebnykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow, vol. 4; Summary of All-Union Scientific Reports. Reports of Foreign Scientists). Moscow, Izd-vo AN SSSR, 1959. 247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskiy institut.

Tech. Ed.: G.M. Shevechko; Editorial Board: A.A. Abramov, V.O. Bolyanskiy, A.N. Vasil'ev, B.V. Medvedev, A.D. Myshkis, S.M. Nikol'skiy (resp., Ed.), A.G. Postnikov, Yu.V. Prokhorov, K.A. Rybnikov, P. L. Ul'yanov, V.I. Uspenskiy, M.O. Chetayev, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the conference that were not included in the first two volumes. The second part contains the texts of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of his paper to the editor, the title of the paper is cited and if the paper was printed in a previous volume reference is made to the appropriate volume. The papers, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, functional analysis, probability theory, topology, mathematical problems of mechanics and physics, computational mathematics, and the foundations of mathematics, and the history of mathematics.

Akhiezer, N.I.—[Alma-Ata]. Application of matrix analysis to the problems of mechanizing computational processes 92

Belyaev, T.E.—[Moscow]. L.N. Korolev (Moscow), I.S. Rakhin (Moscow), D.Yu. Panov (Moscow), and S.M. Baturinov (Kazan). Automatic translation of one language into another on an electronic computer 93

Vlasov, Z.A.—[Leningrad]. On the approximate solution of boundary value problems for equations of elliptic type by the method of reduction to ordinary differential equations 93

Dritin, V.A.—[Moscow]. On the theory of operational calculus for functions defined everywhere on a straight line 94

El'lin, V.P.—[Leningrad]. A posteriori evaluation of error in the first method for ordinary differential equations 94

Fomenko, P.I.—[Kiev]. Reducible systems of difference equa-

tions and the stability of their solutions 95

Card 1B/ 34

VLASOV-DENISOV, V.N., doktor med.nauk

Result of the treatment of eclampsia [with summary in English].
Akush. i gin. 34 no.1:23-27 Ja-F '58. (MIRA 11:4)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.A.Lebedev)
II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.
(ECLAMPSIA, ther.
Stroganov's method & blood-letting (Rus))

Vlasov-Denisov
EXCERPTA MEDICA Sec. 10 Vol. 11/9 Gynaecology Sep 58

1442. EXPERIENCE IN THE TREATMENT OF ECLAMPSIA (Russian text) -
Vlasov-Denisov V. N. - AKUS.I GINEK. 1958, 1 (23-27)

The present issue deals with data of a 20-year experience (1931-1951) in the treatment of 506 patients with eclampsia by Stroganov's method coupled with massive bloodletting (700-800 ml. and, occasionally up to 1,000 ml.). An expectant method of conducting labour was carried out - surgical intervention in eclampsia is considered by the author as harmful. Spontaneous labour took place in 403 women. Caesarean section was performed on 3 patients, forceps were applied in 78 cases, version - in 2, metreureysis in 2, craniotomy in 11 (in 1 instance on a live foetus), frank breech presentation in 3 cases. Out of the 536 children 89 (16.6%) were stillborn - 15 of them died prior to arrival of patients at the hospital. Puerperal complications occurred in 10.1% of patients. Ten parturients died (1.9%). The author states that this method of treating eclampsia produced the lowest number, in the world's pertinent literature, of maternal mortality (1.9%), and 0.4%, when neglected and complicated cases are discounted.

VLASOV-DENISOV, Vasiliy Nikitich

VLASOV-DENISOV, Vasiliy Nikitich

VLASOV-DENISOV, Vasiliy Nikitich - Academic degree of Doctor of Medical Sciences, based on his defense, 7 February 1955, in the Council of the Second Moscow State Medical Institute imeni Stalin, of his dissertation entitled: "Twenty years' experience in the treatment of eclampsia." For the Academic Degree of Doctor of Sciences

SO: Byulleten' Ministerstva Vyshego Obrazovaniya SSSR, List No. 2, 21 January 1956
Decisions of the Higher Certification Commission concerning academic degrees and titles.

VLASOV-DENISOV, V. N.

"Twelve Years of Experience in the Treatment of Eclampsy." Dr Med Sci,
Second Moscow State Medical Inst imeni I.V. Stalin, Moscow, 1954. (KL, No 2,
Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

SHUL'T, Ioakhim; VLASOV-GOLOVATYY, A.N. [translator]; CHEREMUSHKINA,
I.S. [translator]; KOSHELEV, Ye.G. [translator], spetsred.;
SHAVERDOVA, A.I., red.; DOTSENKO, A.A., tekhn.red.

[Under sail] Pod parusom. Moskva, Gos.izd-vo "Fizkul'tura
i sport," 1960. 405 p. (MIRA 14:2)
(Sailing)

S/682/61/000/003/008/008
D234/D302

26 7/94
AUTHOR:

Vlasov-Vlasyuk, O.B.

TITLE:

Transformation of signals in simulation of dynamical properties of gas-turbine engines

SOURCE:

Avtomicheskoye regulirovaniye avaidvigateley;
sbornik statey. no. 3. Moscow, 1961, 113 - 134

TEXT: The author makes an attempt to estimate the errors appearing in electronic simulation of gas-turbine engines, and to formulate the requirements to transforming devices used in it. Errors due to replacing the original system by a simplified one are studied and formulae for them deduced. Possible structures of some transforming devices (those transforming voltage into angular velocity and into pressure of air or gas) are described. It is found that the total error with respect to the number of revolutions of the turbocompressor shaft attains 6.5 to 8 % in transition regimes. The transforming devices are required to possess sufficient quickness of res-

Card 1/2

Transformation of signals ... S/682/61/000/003/008/008
D234/D302

ponse and their degree of stability is determined from the condition that the error due to the device should not exceed the error due to substitution of the original system by a simplified one. V.A. Svetozarov is mentioned for his contributions in the field. There are 9 figures.

Card 2/2

X

30491
S/194/61/000/008/027/092
D201/D304

13.2000

AUTHOR:

Vlasov-Vlasyuk, O.B.

TITLE:

Analogue determination of dynamic errors in the analysis of a real automatic control system

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 33-34, abstract 8 V266 (V sb. Avtomat. regulirovaniye aviadvigateley, no. 2, M., Oborongiz, 1960, 24-52)

TEXT: Some aviation machinery has time constants 0.2 - 0.3 sec., i.e. have a relatively small inertia. The analogue study of such objects, fitted with their actual control equipment is cumbersome. This is due to the fact that it is difficult to design transducer arrangements, whose dynamic properties would have no effect on the dynamics of the analyzed system. The requirements are analyzed as applied to the dynamic properties of transducers. Their allowable errors are determined from the conditions of these errors

Card 1/2

Analogue determination...

30491
S/194/61/000/008/027/092
D201/D304

being equal to those obtained when the exact object is replaced by the one with approximate properties. Requirements are formulated as to the dynamic properties of transducers when simulating systems with delay. It is shown that the systematic error of an analogue consists of the following errors: introduction of transducers, replacing an exact system by an approximate one, replacement of a non-linear system and, eventually errors introduced by an approximate determination only of the object parameters. To determine the system's analogue errors it is enough to know the resulting linearized and the simplified system describing the motion of the object together with the transducer transfer function. If the object exhibits a delay, this delay should be partly reproduced by the transducer which would lower the requirements as to the transducer performance. It is shown that the analogue errors, as obtained when loading the system by the analyzed regulator, do not exceed those of the analogue itself including the transducers. 3 references.

[Abstracter's note: Complete translation] *X*

Card 2/2

VLASOV-VLASYUK, O.B.

Automatic phase synchronization of propeller blades of multi-engine
airplanes. Avtom.reg.aviadvig. no.4:70-94 '62. (MIRA 15:11)
(Propellers, Aerial) (Synchros)

VLASOV-VLASYUK, O.B.

Signal conversion in simulating dynamic properties of gas-turbine engines. Avtom.reg.aviadvig. no.3:113-134 '61.
(MIRA 14:12)

(Electronic analog computers)
(Airplanes--Turbojet engines)

VLASOV-VLASYUK, O. B.

PHASE I BOOK EXPLOITATION

SOV/5295

Avtomatuskoye regulirovaniye aviadvigateley; sbornik statey
(Automatic Control of Aircraft Engines; Collection of Articles)
No. 2. Moscow, Oborongiz, 1960. 134 p. 3,900 copies printed.

Ed.: Shevyakov, A. A.; Ed.: K. I. Grigorash; Technical Ed.: L. A.
Garnukhina; Managing Ed.: A. S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for engineers specializing in aircraft engine design and operation.

COVERAGE: This collection of 7 articles deals with various systems of aircraft engine control based on pneumatic, hydraulic, thermal, and electrical phenomena. One of the articles discusses nuclear reactors as objects to be regulated. No personalities are mentioned. References follow each article.

TABLE OF CONTENTS:

Foreword

3

Card 1/3

Automatic Control (Cont.)

SOV/5295

Stepanov, G. P. Errors in the Operation of Pneumatic Reducers Providing Proportional Reduction of Pressure	5
<u>Vlasov-Vlasyuk, O. B.</u> Determining Dynamic Errors in Investigating Real SAR (Sistema avtomaticheskogo regulirovaniya--Automatic Regulating System) Equipment on Modeling Stands	24
Kolpakova, N. P. Pneumatic Mechanism as an Element of an Automatic Control System	53
Voronkov, B. S. Nuclear Reactors as Objects To Be Regulated	66
Nefedova, V. I. Computing Static Characteristics of Linearized Relay Amplifiers Having Polarized Relays	107
Kolosov, S. P. On Temperature-Forcing Devices in Electric Windings	123

Card 2/3

Automatic Control (Cont.)

SOV/5295

Prakhov, A. M. On the Actual Speed of Liquids in the Nozzle Out-
let of a Centrifugal Atomizer 131

AVAILABLE: Library of Congress

Card 3/3

AC/rn/ec
7-20-61

MATSEYEVSKIY, B.; VLASOVA, A.; LEPIN', L.[Liepina, L.]

Kinetics of oxidation of iron (FeII) salts in aqueous solutions by
oxidation under dynamic conditions. 3.Oxidation of ferrous chloride.
Vestis Latv ak no.12:85-90 '60. (EEAI 10:9)

(Iron chlorides) (Solutions) (Water)

INOZEMTSEV, D.; VLASOVA, A., starshiy inzh.; SIDORENKO, I.; IVANOVA, A.,
oblitsovshchitsa

School of progressive practices. Stroitel' no.1:27-28 Ja '61.
(MIRA 14:2)

1. Nachal'nik uchastka SSMU-29 tresta Sochispetsstroy (for Inozemtsev).
2. Proizvodstvenno-tekhnicheskiy otdel tresta Sakhstroy (Arzamas)
(for Vlasova). 3. Brigadir shtukaturov SMU-35 tresta BelGESstroy
(for Sidorenko). 4. SSMU-3 tresta Krasnodarstroy (for Ivanova).
(Building—Technological innovations)

MATSEYEVSKIY, B.; VLASOVA, A.; LEPIN¹, L. [Liepina, L.]

Kinetics of the ferrous salts oxygen. II. Reactions in aqueous
solutions under dynamic conditions. IV. Reaction rate order in
oxygen. Vestis Latv ak no.2:123-126 '61.
(EEAI 10:9)

(Iron) (Oxygen) (Water) (Solutions)

VLASOVA, A. (Ioshkar-Ola)

Twenty-fifth anniversary of the establishment of the Yoshkar-Ola
medical school in the Mari Autonomous Republic. Fel'd. i akush.
21 no.4:63 Ap '56. (MLRA 9:8)
(YOSHKAR-OLA--MEDICAL COLLEGES)

VLASOVA, A., kandidat ekonomiceskikh nauk (Sverdlovsk)

Assembly line in shoe repairing. Prem. keep. no. 8:10-11 Ag '56.
(MLRA 9:10)

1. Nauchnyy setrudaik Ural'skogo filiala Akademii nauk SSSR.
(Beets and shoes--Repairing)

MATSEYEVSKIY, B.; VLASOVA, A.; LEPIN¹, L. [Liepina, L.]

Oxidation kinetics of iron (II) salts in aqueous solutions by oxygen under dynamic conditions. Report No.4: Order of oxidation reactions of iron (II) sulfate and chloride in relation to oxygen. Vestis Latv ak no.2:123-126 '61.

CA VLASOVA, A.

4

The influence of a layer of poorly conducting material covering a precipitator electrode on phenomena in an electrostatic filter. A. Vlasova, I. Glotov, and N. Kapitnov (Moscow State Univ.). *Zhur. Tekh. Fiz.* 17, 1371-80 (1971). Such layers raise the potential everywhere within the precipitator but especially near the wire. The potential distribution curve is higher, the greater the resistance of the layer on the cylinder. For gypsum and paraffin there is a layer thickness for which the potential distribution curve lies below that given by clean electrodes. When the discharge current passes through a poorly conducting layer, a surface charge accumulates, raising the surface potential. This increase varies directly with layer thickness and current. Cyrus Feldman

KELDYSH, M.V., akademik; FEDOROV, Ye.K., akademik; ARTSIMOVICH, L.A., akademik;
SISAKYAN, A.F., akademik; GORSKIY, I.I.; PAFIKA, P.I.; FOK, V.A.;
LANDAU, L.D.; LIFSHITS, Ye.M.; SHAL'NIKOV, A.I.; PELLADINOV, I.M.;
AIKSEYEVSKIY, N.Ye.; VAYNSSTEYN, L.A.; PALLADIN, A.V., akademik;
SATPAYEV, A.I., akademik; AMBARTSUMYAN, V.A., akademik; IUFREVICH,
V.F.; MUSPELISHVILI, N.I., akademik; KARAKHEYEV, K.K.; MUSTEL', E.R.;
MASEVICH, A.G., doktor fiz.-matem.nauk; EFRON, K.M.; MARTYNOV, D.Ya.,
prof.; GRIGOR'YEV, A.A., akademik; MAROV, K.K., prof.; COLOVKOVA,
A.G., prof.; FILATOVA, L.G., prof.; FEYFE, Ya.V.; SEMIKHATOV, B.N.,
prof.; TEFOV, A.G.; RYCHAGOV, G.I.; BARSAYA, V.F.; VLASOV, A.A.;
BARANOVA, Ye.P.; KIBARDINA, L.A.; ISACHENKO, A.F.; IL'INA, Yu.P.;
DANILOV, A.I., prof.; PLAUME, K.K.; NECPAYEVA, T.N., prof.; CHEPEK,
L., doktor; SZANTO, Ladislav, akademik; BELACHIK, Yozef; FAH KLOK
V'YEN; ZIGENSON, M.S., prof. (L'vov); STARKOV, N.; AERAMOVICH, Yu.;
VOSKRESENSKIY, V.; KROPACHEV, A.; REZVOY, D., prof., (L'vov);
MONDRAT'YEV, V.N., akademik; LEEEDINSKIY, V.I., kand.geol.-mineral.-
nauk; YANSHIN, A.L., akademik

"Priroda" is 50 years old. Priroda 51 no.1:3-16 Ja '62.
(MIR 15:1)

1. Prezident AN SSSR (for Keldysh). 2. Glavnny uchenyy sekretar'
Prezidiuma AN SSSR (for Fedorov). 3. Akademik-sekretar' Otdeleniya
fiziko-matem.nauk AN SSSR (for Artsimovich). 4. Akademik-sekretar'
Otdeleniya biologicheskikh nauk AN SSSR (for Sisakyan). 5. Chlen-
korrespondent AN SSSR, zamestitel' akademika-sekretarya Otdeleniya

(Continued on next card)

PYTEL', N.N., inzh.; DRUGALEVA, Z.S., inzh.; VIASOVA, A.A., inzh.

Development of specialization in the electric equipment industry
of the Sverdlovsk Economic Region. Vest.elektrprom. 31 no.11:1-
4 N '60. (MIRA 13:12)

(Sverdlovsk Province--Electric industries)

TSELINSKAYA, O.L., starshiy inzh., red.; VIASOVA, A.A., starshiy inzh., red.; MOISEYEV, I.N., red.; IVANOVA, Z.V., telchn. red.

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo. 1959. Vol.2. [Basin of the Black Sea (exclusive of the Caucasus)] Bassein Chernogo moria (bez Kavkaza). No.0-1 [Basin of the Black Sea exclusive of the basin of the Dnieper River] Bassein Chernogo moria bez basseina reki Dnepr. Pod red. O.L.Tselinskoi. 1961. 244 p. 1958. Vol. 9. No. 0-6. Pod red. A.A.Vlasovoi. 1961. 576.p. (MIRA 15:3).

1. Otdel gidrologii Upravleniya gidrometeorologicheskoy sluzhby Dal'nego Vostoka (for Vlasova).
(Siberia, Eastern—Hydrology) (Black Sea region—Hydrology)

VLASOVA, Antonina Aleksandrovna; DRUGALEVA, Zinaida Samuilovna;
ZHUKOVA, Larisa Mikhaylovna; GOLUBEVA, K.A., inzh., retsen-
zent; MASLIY, K.Ya., zuborez, retsenzent; ZHUKOV, P.A., kand.
ekon.nauk, red.; SIRAFIMOVICH, B.V., red. vypuska; BELYAKOV,
M.N., red.; ROZENBERG, I.A., kand.ekon.nauk, red.; SMIRNITS-
KIY, Ye.K., kand.ekon.nauk, red.; SUSTAVOV, M.I., inzh., red.;
DUGINA, N.A., tekhn.red.

[How to increase labor productivity] Kak povysit' proizvodi-
tel'nost' truda. Moskva, Mashgiz, 1960. 37 p. (Biblioteka
rabochego mashinostroitelja: Seriya "Osnovy konkretnoi ekono-
miki," no.6) (MIRA 14:5)
(Machinery industry--Labor productivity)

4 0 0 0

✓ 1549. Distillation method for determination of small amounts of impurities in gases. V. G. Zavod. Lab., 1955, 12 (10), 1158-1160. An apparatus involving condensation and evaporation of gases is described; contours are found from pressure readings. It is suitable for determining the purity of krypton.
G. S. Surin

CH (2)

PM
SC

4
0
0
0

VLASOVA, A.A.

f. 2. 4

PHASE I BOOK EXPLOITATION

1170

Vsesoyuznyy elektrotekhnicheskly institut

Nizkiye temperatury i redkiye gazy (Low Temperatures and Rare Gases)
Moscow, Gosenergoizdat, 1958. 286 p. (Series: Its: Trudy, vyp. 61)
2,260 copies printed.

Ed. (title page): Fastovskiy, V.G.; Doctor of Technical Sciences; Ed. (inside book): Zhigarev, A.A.; Tech. Ed.: Larionov, G. Ye. Editorial Board of Series: Andrianov, K.A., Biryukov, V.G. (chief ed.), Butkevich, G.V. (deputy chief ed.); Granovskiy, V.L., Kalitvyanskiy, V.I., Timofeyev, P.V., Fastovskiy, V.G., Shemayev, A.M.

PURPOSE: This book is intended for scientists and technicians concerned with storing, handling, obtaining and utilizing atmospheric gases (especially oxygen and rare gases).

COVERAGE: The volume is one of a series published by the All-Union Electrical Engineering Institute imeni V. I. Lenin. The Collection includes main projects carried out during the period 1947-1955 by scientists and technicians of the Low-temperature Laboratory headed by Doctor of Technical Sciences, Professor

Card 1/5

Low Temperatures and Rare Gases

1170

V.G. Fastovskiy, with Acting Senior Scientist, Candidate of Technical Sciences Yu.V. Petrovskiy, and Senior Scientist, Candidate of Technical Sciences A.Ye. Rovinskiy. Engineer A.A. Vlasova and Senior Technician Z.N. Kosova took part in the experimental work. References are given at the end of each article.

TABLE OF CONTENTS :

Fastovskiy, V. G., Professor, Doctor of Technical Sciences and Petrovskiy, Yu. V., Candidate of Technical Sciences. Several Questions on Obtaining Oxygen for Technical Purposes 5

Fastovskiy, V.G. and Petrovskiy, Yu.V. A Complex Set-up for Liquifying Hydrogen and Separating Neon-Helium Mixtures by the Condensation Method 25

Fastovskiy, V.G. and Petrovskiy, Yu.V. Set-up for the Liquification of Helium 34

Fastovskiy, V.G. and Rovinskiy, A.Ye., Candidate of Technical Sciences. Investigation of the Absorption of Rare Gases and Their Accompanying Gases 48

Card 2/5

Low Temperatures and Rare Gases	1170
Fastovskiy, V.G. and Rovinskiy, A.Ye. The Adsorption Method of Separating Neon-Helium Mixture	67
Fastovskiy, V.G. and Petrovskiy, Yu.V. Investigating Phase Equilibrium of Liquified Gases	99
Fastovskiy, V.G. and Petrovskiy, Yu.V. Investigating Liquid and Vapor Equilibrium in the System Oxygen-Argon-Nitrogen	116
Fastovskiy, V.G. and Petrovskiy, Yu.V. The Influence of Argon on the Air Rectification Process	123
Fastovskiy, V.G. and Petrovskiy, Yu.V. Several Questions on the Technical Preparation of Argon	139
Fastovskiy, V.G., and Petrovskiy, Yu.V. Research on the Industrial Preparation of Krypton	154

Card 3/5

Low Temperatures and Rare Gases	1170
Fastovskiy, V.G. and Petrovskiy, Yu.V. The Rectification Method of obtaining Pure Krypton	162
Fastovskiy, V.G., Rovinskiy, A.Ye., and Petrovskiy, Yu.V. Obtaining Pure Xenon	174
Rovinskiy, A.Ye. and <u>Vlasova, A.A.</u> , Senior Technician, Engineer. Removal of Oxygen From Inert Gases	185
Fastovskiy, V.G. and Rovinskiy, A.Ye. Gas Analysis	195
Petrovskiy, Yu.V. Small-scale Apparatus for Preparing Liquid Air	220
Rovinskiy, A.Ye. and <u>Vlasova, A.A.</u> The Production of Ozone by Corona Discharge	232
Fastovskiy, V.G. and Rovinskiy, A.Ye. Intensification of the Cooling of High-voltage Mercury Arc Rectifiers	242

Card 4/5

Low Temperature and Rare Gases

1170

Fastovskiy, V.G. and Rovinskiy, A.Ye. Investigation of Heat Emission in
a Spiral Channel

255

Fastovskiy, V.G. and Rovinskiy, A.Ye. Experimental Investigation of
Columns With Multi - layered Netted Fittings

264

AVAILABLE: Library of Congress

Card 5/5

TM/gmp
1-18-59

USSR/Chemical Technology -- Chemical Products and Their Application. Fertilizers,
I-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1450

Author: Povolotskiy, L. I., and Vlasova, A. A.

Institution: None

Title: Improved Storage of Mineral Fertilizers

Original

Periodical: Standartizatsiya, 1956, No 3, 72-74

Abstract: An analysis of mineral fertilizers is presented showing that
fertilizer quality decreases sharply when the latter is stored
under unsatisfactory conditions by the consumer.

Card 1/1

VIASOVA, A.A., inzhener.

Granular ammonium nitrate. Standartizatsiia no.2:69 Mr-tp '57.
(Ammonium nitrate--Standards) (MIRA 10:6)

S/110/60/000/011/001/012
E194/E484

AUTHORS: Pytel', N.N., Engineer, Drugaleva, Z.S., Engineer and
Vlasova, A.A., Engineer

TITLE: The Development of Specialization¹⁴ in the Electro-
Technical Industry of the Sverdlovsk Economic Region

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.11, pp.1-4

TEXT: The electro-technical industry of the Sverdlovsk economic region covers a wide range of products. It is accordingly possible to make effective use of specialization in manufacture both in particular factories and in particular branches of the industry. Specialization within a branch of the industry is accomplished as follows: (1) the various items produced are redistributed between factories so that each concentrates on a smaller range of products which it produces with increased output; (2) the manufacture of products which are auxiliary to the production of the main electrical engineering and instrument works is withdrawn from the existing works and concentrated in new and reconstructed works; (3) the production of products which are not specific to electrical engineering or instrument manufacture is concentrated in

Card 1/4

S/110/60/000/011/001/012
E194/E484

The Development of Specialization in the Electro-Technical Industry
of the Sverdlovsk Economic Region

specialized works of a general engineering character. By this means space is freed in the main works and the organization can be simplified, moreover, manufacture in the new works is more economic. A few examples of this kind of reorganization are quoted. The Baranchinskiy Electro-Mechanical Works formerly produced 400 different types of various kinds of machines with outputs ranging from 2.8 to 400 kW. The works had four shops concentrated on different kinds of production each with relatively small output. For many years the works did not fulfil its plan in respect of range of equipment produced, labour productivity or cost. In 1957, the works was relieved of production of certain sizes of electric motor and simultaneously the organization of labour and specialization within the works was improved. This reorganization has resulted in considerably increased output. At the same time the Kamensk-Uralskiy Electro-Mechanical Works was specialized and its output was increased. It was decided to specialize the Uralelektroapparat Works on large electrical machines and equipment manufacture. The works was relieved of the production of certain kinds of small

Card 2/4

S/110/60/000/011/001/012
E194/E484

The Development of Specialization in the Electro-Technical Industry
of the Sverdlovsk Economic Region

series products, production of which was organized in a special
works for high voltage equipment at Nizhnyaya Tura. Flow and
conveyor methods of production were introduced at the new works
where output greatly increased. The space freed at the
Uralelektrapparat Works was used to extend the insulation shop
which had held up the development of manufacture of various kinds
of heavy electrical engineering equipment. A typical example of
specialization between branches of industry is the organization of
the production of Radio-sondes, which are manufactured by the
Gidrometpribor Works. The demand for these sondes has greatly
increased and the best solution was found to be to specialize the
manufacture of separate assemblies or units in different factories,
which greatly increased the output. The Bobrova Works has begun
to specialize on the production of solid insulation. In 1958,
the Uralkabel' Works was freed of the manufacture of various kinds
of products not directly appertaining to cables. It is intended
further to specialize the Uralelektrapparat Works which will be
relieved of the manufacture of current transformers and circuit
Card 3/4

S/110/60/000/011/001/012
E194/E484

The Development of Specialization in the Electro-Technical Industry
of the Sverdlovsk Economic Region

breakers. Later on it will be freed of the manufacture of solid insulation and lightning dischargers. All these will be transferred to other factories. The manufacture of a number of other products which bear no relation to its main function will also be removed from the works. Experience of the Council of National Economy of the Sverdlovsk Region in specializing manufacture in the ways described has been very satisfactory. Specialization must, of course, be closely associated with improved design and methods of manufacture. The installation of flow line, mechanized and automatic methods of manufacture is being delayed by the shortage of qualified engineers.

SUBMITTED: July 29, 1960

Card 4/4

VLASOVA, A.A., kand.ekonomiceskikh nauk; DRUGALEVA, Z.S., kand.
ekonomiceskikh nauk; ZHUKOVA, L.M., kand.ekonomiceskikh
nauk

System of intrafactory specialization. Vest.mach. 40
no.9:73-74 S '60. (MIRA 13:9)
(Factory management)

M

Country : USSR
Category: Cultivated Plants. Potatoes. Vegetables.
Cucurbits.

Abs Jour: RZhBiol., No 22, 1958, № 100310

Author : Vlasova, A.A.

Inst : Far-Eastern Univ.

Title : On the Infection of Tomatoes with Phytophthora
in Primorskiy Kray.

Orig Pub: Uch. zap. Dal'nevost. un-ta, 1957, vyp. 1, 213-
215

Abstract: In 1955-1956, a study of up to 152 specimens
of tomato varieties to determine their resist-
ance to Phytophthora infestans de Bary was
carried out at the Far Eastern Experiment

Card : 1/3

M

Country : USSR
Category: Cultivated Plants. Potatoes. Vegetables.
Cucurbits.

Abs Jour: RZhBiol., No 22, 1958, No 100310

Station of the All-Union Plant Cultivation Institute. Phytophthora affects tomatoes of the most diverse origins regardless of the length of the vegetative period, even the wild growing species - Peruvian (*L. peruvianum*) and the hairy (*L. hirsutum*). In the Peruvian, the leaves and fruits were affected and in the hairy - the leaves (in the conditions of Pri-mor'ye, it does not fruit, the flowers drop off). Both were affected with macrosporiosis and septorioisis; in addition, on the 15 of August the Peruvian suffered heavy destruction

Card : 2/3

M-69

M

Country : USSR
Category: Cultivated Plants. Potatoes. Vegetables.
Cucurbits.

Abs Jour: RZhBiol., No 22, 1958, No 100310

caused by the ladybird beetle (*Epilachna vigintioctomaculata*), whereas the other specimens of the collection were untouched. Most resistant to *Phytophthora* proved to be *Vishnevidnyy* (0% of the large fruits), *Urozhaynyy* (0.3%), *Pushkinskiy* (3%), *Vishnevidnyy L. peruvianum* (17%). Among 31 hybrids from *L. hirsutum* crossed with *Urozhaynyy* and *Pushkinskiy*, all of the fruits were healthy only on one. The author throws doubt on the feasibility of utilizing the Peruvian and the hairy specimens as the primary ones in breeding for immunity.
M.V. Dranishnikov

Card : 3/3

86110

S/112/59/000/012/030/097
A052/A001

11.11.20

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 12, p. 78,
24447

AUTHORS: Ravinskiy, A.Ye., Vlasova, A.A.

TITLE: // Ozone Production in Electric Glow Discharge //

PERIODICAL: Tr. Vses. elekrotekhn. in-ta, 1958, No. 61, pp. 232-241

TEXT: It is pointed out that with an increase of exposition the production of ozone from oxygen or air increases reaching the maximum at $T = 100-200$ sec. A further increase of exposition does not lead to an increase in the output of ozone. The maximum concentration of ozone in an ozonizer of a given design can be achieved at the minimum gas flow velocity, the maximum voltage and at a complete drying of the gas. In experiments with a number of ozonizers of the same type it has been found out that the energy output of ozone (in grams of ozone per 1 kw/hour of energy consumed in the ozonizer) depends practically on voltage only and amounts to 0.13-0.23 w/ml at the voltage on ozonizers changing from 10 to 12.5 kv. To

Card 1/2

86110

Ozone Production in Electric Glow Discharge

S/112/59/000/012/030/097
A052/A001

obtain the maximum concentrations of ozone the air humidity must not exceed 1.2 g/m³. A detailed description of the design of a portable ozonizer is given; the ozonizer secures a concentration of ozone of over 5.5% at an efficiency of over 70 l/hour.

N.N.T.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

VLASOVA, A.A.; SHAPIRO, R.I.

Production capacity of the No.1 Moscow Container Plant.
Trudy NIL Tary no.4:90-94 '60. (MIRA 14:12)
(Moscow--Container industry)

VLASOVA, A.G.

Evaluation of the results of treatment and indices for sending patients to the Mirgorod Health Resort. Vop. kur., fizioter. i lech. fiz. kul't. 28 no.5:464 S-0 '63. (MIRA 17:9)

1. Zaveduyushchaya meditsinskoy chastyu kurorta Mirgorod.

L 52304-65

ENT(m), ENF(j)

PC-4

SM

0708/65/038/003/0708, 0709

ACCESSION NR: AP5008819

Vlasova, A. I.

TITLE: Setting of resin article

Author: Vlasova, A. I.

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 3, 1965, 708-709

TOPIC TAGS: polyester plastic, resin, metallic zinc, catalyst

1
The effect of metallic zinc on toughening and other physical-
chemical properties of resin was studied. The rate of resin tough-
ening by the addition of metallic zinc was determined. A similar com-
parison was made for the effect of metallic zinc on the properties of poly-
merized resins.

art. has 2 portions and 1 table

Card 1/2

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6"

POZNYAK, L.A., kand. tekhn. nauk; SHKATOV, A.P., inzh; STEYN, F.S.;
ORLOVA, L.M.; VLASOVA, A.I.; Prinimalni uchastiye: DANIL'CHENKO,
A.M., tekhnik; GREEBENSHCHIKOV, V.P., tekhnik

Steels used for the manufacture of cold extrusion tools and their
heat treatment. [Nauch. trudy] ENIKMASHa 7:111-134 '63.
(MIRA 16:7)

(Extrusion (Metals)—Equipment and supplies)
(Tool steel—Heat treatment)

SHARONOVА, N.F.; LIFSHITS, A.A.; VLASOVA, A.M.

Composition of and methods for purifying waste waters formed
in the production of pharmaceutical compounds. Trudy VNIIT
no.12:253-265 '63. (MIRA 18:11)

VLASOVA, A.N., dotsent

Aleksandr Andreevich Kisel; the 100th anniversary of his birth.
Sov.med. 24 no.9:145-148 S '60. (MIRA 13:11)
(KISEL, Aleksandr Andreevich, 1859-1938)

KISEL', Aleksandr Andreyevich, prof., zasl.deystel' nauki [deceased]; KISEL', V.A., sostavitel'-red.; BELYAYEVA, Ye.D., red.; BUBNOVA, M.M., red.; VLASOVA, A.N., red.; GANYUSHIMA, Ye.Kh., red.; GROMBAKH, S.M., red.; KONYUS, E.M., red.; KUDRYAVTSEVA, A.I., red.; MAYZEL', I.Ye., red.; MARKUZON, V.D., red.; MOSHKOVSKIY, Sh.D., red.; PELEVINA, M.P., red.; POKHITONOVA, M.P., red.; SAVVATIMSKAYA, N.P., red.; FRIDMAN, R.A., red.; SHIRVINDT, B.G., red.; EDEL'MAN, Z.I., red.; GAVERLAND, M.I., tekhn.red.

[Selected works. Jubilee edition on the 100th anniversary of his birth, 1859-1959] Izbrannye trudy. IUbileinoe izdanie k 100-letiiu so dnia rozhdeniya, 1859-1959 gg. Moskva, Gos.izd-vo med.lit-ry.
1960. 427 p. (MIRA 13:10)

(PEDIATRICS)

VLASOVA, A.N.

Dynamics of the gamma globulin fraction of the blood serum in
dysentery in children. Pediatriia 38 no.1:35-39 '60.
(MIRA 13:10)

(GAMMA GLOBULIN) (DYSENTERY)

VLASOVA, A.N.

Dynamics of the gamma globulin fraction of blood serum in
dysentery in children. Pediatria 38 no.4:35-39 Apr '60.
(MIRA 16:7)
1. Iz kafedry gospital'noy pediatrii (zav.-prof. K.F.Popov)
II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova
(dir.-vrach M.N. Kalugina), Moskwy.
(GAMMA GLOBULIN) (DYSENTERY)

VLASOVA, A.N., kand.med.nauk; YEREMEYeva, A.S.; LANDA, N.M.

Erythromyelosis (Di Guglielmo's disease) in a 10-month-old
girl. Pediatriia no.7:76-77 '61. (MIRA 14:9)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. K.F. Popov),
kafedry propedevtiki detskikh bolezney (zav. - prof. V.A. Vlasov)
II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova,
dizenteriynogo otdeleniya (zav. - zasluzhennyj vrach SSSR P.I.
Bogomolova) i patologoanatomiceskogo otdeleniya (zav. N.I.
Soboleva) na baze Detskoj bol'nitsy imeni N.F. Filatova (glav-
nyj vrach M.N. Kalugina).
(LEUKEMIA)

VLASOVA, A.N.; REMIZOVA, Z.A.; KRIZOVSKAYA, N.I.

Characteristics of the course of pneumonias in viral influenza in
children. Pediatrīa 37 no.9:15-18 S '59. (MIRA 13:2)

1. Iz kafedry gospital'noy pediatrii (zaveduyushchiy - prof. K.F.
Popov), kafedry propedevtiki detskikh bolezney (zaveduyushchiy -
prof. V.A. Vlasov) II Moskovskogo meditsinskogo instituta imeni
N.I. Pirogova, iz rentgenovskogo otdeleniya detskoy bol'nitsy imeni
N.F. Filatova (glavnnyy vrach M.N. Kalugina).

(PNEUMONIA compl.)
(INFLUENZA compl.)

USSR / Farm Animals. Cattle.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No, 7383

Author : Vlasova, A I P
Inst : Alma-Ata Zooveterinary Institute
Title : Milk Production of Aulieatinskaya Breed Cows
at the Dzhambul'skiy Beet Sovkhoz

Orig Pub : Tr. Alma-Atinsk. zoovet. in-ta, 1957, 10,
48-57

Abstract : The milk production of cows of the Dzhambul'-
skiy beet kolkhoz amounts to 3600-3800 kg with
a fat content of 3.7-3.8 percent. The level
of the cows' milk production depended upon the
age of the animals (the maximum milking yield
was reached at the age of 4 parturitions),
upon live weight (direct correlation), upon

Card 1/2

USSR / Farm Animals. Cattle.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7383

the age at first parturition. The age of the animal, the season of the year and the season of parturition, as well as feeding and keeping conditions influenced the milk's fat content.

Card 2/2

60

VLASOVA, T.P., Gano Agri Sci --(class) "Breeding a herd of Ayllyeatsinsk cattle from the Dzhambul beet sovkhoz," Alma-Ata, 1960, 18 pp (Alma-Ata Zooveterinary Institute) (KL, 26-60, 116)

~~RUDOVY~~ VLASOVA, A.S.

RUDOVY, B., doktor khimicheskikh nauk, laureat Stalinskoy premii; VLASOVA, A.S.
kandidat biologicheskikh nauk

Chemical composition of the kernels of several corn varieties. Muk.-
(MLRA 8:12)
ele.prom.21 no.9:7-8 S '55.

1. Novocherkasskiy zooveterinarnyy institut
(Corn (Maize))

Country : USSR

M

Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 11, 1958, No 48897

Author : Lobov, M.F.; Rudoy, B.Z.; Stadnichuk, P.F., Vlasova,
A.S.

Inst : -

Title : Effect of Fertilizers on the Yield and Chemical Compo-
sition of Grain under Conditions of Irrigation.

Orig Pub: Kulturuza, 1956, No 9, 31-32

Abstract: No abstract.

Card : 1/1

M-43

M-4

USSR/Cultivated Plants. Fodders.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29859
Author : Rudoy, B.Z., Stadnichuk, P.F., Vlasova, A.S., Mozhukhina,
S.V., Apenkina, A.A.

Inst : The Novocherkask Technical Zoological and Veterinary
Institute.

Title : The Effect of Cultivation Conditions on the Chemical
Composition of the Seeds and Cobs of Corn.

Orig Pub : Tr. Novocherkasskogo zootekhn.-vet. in-ta, 1957, vyp. 10,
125-132.

Abstract : A chemical analysis of corn cobs of various varieties has
shown the high food value of not only the kernels but of
the cobs themselves as well, containing up to 50% carbo-
hydrates, 3.5% protein and ~ 1% fat. The joint applica-
tion of compost and P_c (20 t. per ha. + 1 centner per ha.)

Card 1/2

USSR/Cultivated Plants - Fodders.

M-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29859

on the Groznenskiy Krug variety with irrigation being used increased the cob yield by more than 22 centners per ha. On fertilized ground an increment in the number of plants per bunch from 2 to 3 increased the yield by 30%. Fertilization with P_C increased the protein content by 2.5 centners per ha., the amount of P and K in the grains and decreased the content of cellulose.

Card 2/2

- 44 -

VLASOVA, A.V.

VLASOVA, A.V. "The Selection and Cultivation of Varieties of Potato not Subject to 'Potato Tuber Rust' for Primor'ye Krai." All-Union Order of Lenin Academy of Agricultural Sciences imani V. I. Lenin. All-Union Inst of Plant Growing. Leningrad, 1956, (Dissertation for the Degree of Candidate in Biological Science)

So: Knizhnaya Letopis', No. 18, 1956,

VLAICOVA, B. M.

USSR

10642* Investigation of the Thermoelectrical Properties of Bismuth Telluride. Issledovaniye termoelektricheskikh svoystv telluristogo vismutova. (Russian) L. M. Vlasova and E. S. Sul'ben. Zhurnal Tekhnicheskikh Nauk. v. 23, no. 4, Apr. 1955, p. 569-576.

Effect of temperature on conductivity and Hall effect of electronic and vacancy types. Analysis of test methods. Circuit diagrams, graphs, table, diagram, 5 ref.

S/137/60/000/008/001/009
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 8, p. 5,
16744

AUTHORS: Ivanov, B. V., Vlasova, D. K.

TITLE: On the Properties of High-Alumina Refractories Produced From Keyvy
Kyanites and Their Changes During Operation in a Steel-Tseeming Ladle

PERIODICAL: Izv. Karel'sk. i Kol'sk. fil. AN SSSR, 1959, No. 3, pp. 102-114

TEXT: Petrographical investigations were made with specimens obtained from
Keyvy kyanite concentrates: roasted concentrates at 1,600°C; experimental
refractories after testing to slag resistance and after operation in a steel-
teeming ladle. It is noted that granular concentrate has higher purity and
contains up to 52% Al₂O₃; after annealing it is completely transformed into
fine-fibrous mullite and acid glass. Experimental refractory products showed
good resistance to open-hearth slags and high durability in the lining of ladles
when teeming alloyed steel exceeding 2 - 2.5 times that of chamotte linings.
There are 5 references.

N. M.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

IVANOV, B.V.; VLASOVA, D.K.

Properties of a high-alumina refractory made from Keyvy cyanites
and changes taking place during service in a ladle for casting
steel. Izv.Kar.i Kol'.fil.AN SSSR no.3:102-114 '59.
(MIRA 13:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimii AN SSSR.
(Cyanite) (Refractory materials)

VLASOVA, D.K.

USSR/Physical Chemistry - Thermodynamics, Thermochemistry. B-8
Equilibrium. Physicochemical Analysis. Phase Transitions

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3745

Author : Zharikov V.A., Vlasova D.K.

Inst : Academy of Sciences USSR

Title : Composition-Properties Diagram of Pyroxenes of Isomorphous Series Diopside - Hedenbergite - Johansenite.

Orig Pub : Dokl. AN SSSR, 1955, 105, No 4, 814-817

Abstract : Investigated was the correlation between composition and optical properties of pyroxenes of the isomorphous series diopside-hedenbergite-johansenite. The results are reproduced by composition-properties diagrams. Presented are the existing and the proposed nomenclatures of manganese pyroxenes.

Card 1/1

- 91 -

SOKOLOV, G.A., doktor geol.-min. nauk, otv. red. Prinimali uchastiye: VLASO-VA, D.K.; GLAGOLEV, A.A.; ZHARIKOV, V.A.; LOGINOV, V.P.; LUKIN, L.I.; MYAKELYA, R.O.; OMEL'YANENKO, B.I.; OSTROVSKIY, I.A.; PERTSEV, N.N.; PODDLESSKIY, K.V.; RUSINOV, L.V.; SOFIANO, T.A.; TIMOFEEVA, L.K.; SHABYNIN, L.I.; SHADLUN, T.N.; LAPIN, V.V., red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Physicochemical problems in connection with the formation of rocks and ores] Fiziko-khimicheskie problemy formirovaniia gornykh porod i rud. Moskva, Vol.1. 1961. 658 p. (MIRA 14:10)

1. Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. 2. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva (for Vlasova, Glagolev, Zharikov, Omel'yanenko, Ostrovskiy, Pertsov, Shabynin). 3. Moskovskiy geologo-razvedochnyy institut im.S.Ordzhonikidze (for Shabynin, Pertsev.)

(Petrology)

EXCERPTA MEDICA Sec 8 Vol 12/1 Neurology Jan 59

235. UROSEPSIS IN BATTLE INJURIES OF THE SPINE AND SPINAL CORD
(Russian text) - Vlasova E.F. - VOPR NEUROKHIR. 1958, 2(26-32)

This study comprises 500 cases of war injuries to various areas of the spine, the spinal cord, the roots and the coverings, treated between 1942 and 1947. As early as in 1942 the management of these cases has been changed from a conservative approach to early laminectomy and cystostomy as the basic method of controlling infection of the urinary tract. Various exogenous and endogenous factors play an important rôle in the development of urinary sepsis. Studies concerning P and Ca metabolism have been conducted in order to elucidate the rôle of diathesis. Immunologic changes enhancing the development of septic growth are connected with trophic, motor, sensory, secretory, and vasomotor disturbances due to the damaged spinal cord. The inflammatory processes of the mucous membrane of the urinary bladder develop during the first days after the injury in the absence of significant bacterial flora which is brought to the bladder by the blood stream from infected wounds

Tyndel - Toronto

VIAZOVA, N. N. (Grad Stud)

Dissertation: "An Investigation of the Methods for Measuring the Functions of Correlation." Cand Tech Sci, Moscow Electrical Engineering Institute of Communications, 17 Jun 54. (Vechernaya Moskva, Moscow, 8 Jun 54)

SO: SU 318, 23 Dec 1954